

3M Docket No.: 55310US005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: George Frost et al.

Serial No.:

Filed:

Title: METHOD OF PROVIDING A FIRE BARRIER AND  
ARTICLE THEREFOR

Art Unit:

Examiner:



**Box Patent Application**

Assistant Commissioner for Patents  
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Applicants submit the nineteen (19) references listed on the attached form PTO 1449, copies of which are enclosed. Also enclosed is a copy of the Search Report issued on PCT/US 00/17407. This statement is being filed with the Application.

Applicants request that the Examiner indicate his review of the references by initialing the Form 1449 and returning the initialed copy to Mr. Patchett at the correspondence address.

Please apply any charges or credit any overpayment to Deposit Account No. 501,171.

Respectfully submitted,

Date: February 4, 2002

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Certificate of Express Mailing  
Pursuant to 37 CFR 1.10 I certify that this application is being deposited on the date indicated below with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

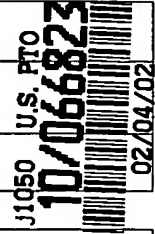
ET149535159US  
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Date of Deposit

Allison Roskop  
Signature of Person Mailing Application

Allison Roskop  
Printed Name of Person Mailing Application

|   |                             |                                      |                 |
|---|-----------------------------|--------------------------------------|-----------------|
| Substitute form PTO-1449<br>(Modified)                                    | U.S. Department of Commerce | Attorney Docket No.<br>55310US005    | Application No. |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT<br><br>(37 C.F.R. §1.98(b)) |                             | Applicants<br>George W. Frost et al. |                 |
|   |                             | Filing Date                          | Group Art Unit  |



## U.S. PATENT DOCUMENTS

| Examiner Initials | I.D. | Patent Number | Issue Date | Patentee           | Class | Sub Class | Filing Date if Appropriate |
|-------------------|------|---------------|------------|--------------------|-------|-----------|----------------------------|
|                   | AA   | 4,025,672     | 05/24/77   | Hossenfelder       | 427   | 388       |                            |
|                   | AB   | 4,205,150     | 05/27/80   | Marubashi          | 526   | 252       |                            |
|                   | AC   | 4,663,226     | 05/05/87   | Vajs et al.        | 428   | 305       |                            |
|                   | AD   | 4,858,535     | 08/22/89   | Bechu et al.       | 105   | 15        |                            |
|                   | AE   | 4,945,015     | 07/31/90   | Milner et al.      | 523   | 179       |                            |
|                   | AF   | 4,968,556     | 11/06/90   | Jain               | 428   | 290       |                            |
|                   | AG   | 5,006,564     | 04/09/91   | Noonenbruch et al. | 521   | 54        |                            |
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|                   | AI   | 5,645,627     | 07/08/97   | Lifshutz et al.    | 96    | 15        |                            |
|                   | AJ   | 5,744,199     | 04/28/98   | Joffre et al.      | 427   | 389       |                            |
|                   | AK   | 5,830,319     | 11/03/98   | Ladin              | 162   | 159       |                            |

## FOREIGN PATENT DOCUMENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

| Examiner Initials | ID | Document Number | Publication Date | Country or Patent Office | Class | Sub Class | Translation |    |
|-------------------|----|-----------------|------------------|--------------------------|-------|-----------|-------------|----|
|                   |    |                 |                  |                          |       |           | Yes         | No |
|                   | AL |                 |                  |                          |       |           |             |    |
|                   | AM |                 |                  |                          |       |           |             |    |
|                   | AN |                 |                  |                          |       |           |             |    |
|                   | AO |                 |                  |                          |       |           |             |    |

## OTHER DOCUMENTS (INCLUDE AUTHOR, TITLE, DATE AND PLACE OF PUBLICATION)

| Examiner Initials | ID | Document   |
|-------------------|----|--|
|                   | AP | ASTM E1399-97 Standard Test Method for Cyclic Movement and Measuring the Minimum and Maximum Joint Widths of Architectural Joint Systems (1997) (pages 501-505). |
|                   | AQ | Firedam™ Spray MSDS (1996) (pages 98-102).   |
|                   | AR | Standard for Safety UL 2079 Tests for Fire Resistance of Building Joint Systems (1994) (21 pages).   |

|   |                 |
|---|-----------------|
| Examiner Signature  | Date Considered |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

|  |                             |                                     |                 |
|--|-----------------------------|-------------------------------------|-----------------|
| Substitute form PTO-1449<br>(Modified)           | U.S. Department of Commerce | Attorney Docket No.<br>55310US005   | Application No. |
| INFORMATION DISCLOSURE STATEMENT BY<br>APPLICANT |                             | Applicant<br>George W. Frost et al. |                 |
|  |                             | Filing Date                         | Group Art Unit  |
| (37 C.F.R. §1.98(b))                             |                             |                                     |                 |

| U.S. PATENT DOCUMENTS |      |               |            |               |       |              |                               |
|-----------------------|------|---------------|------------|---------------|-------|--------------|-------------------------------|
| Examiner<br>Initials  | I.D. | Patent Number | Issue Date | Patentee      | Class | Sub<br>Class | Filing Date if<br>Appropriate |
|                       | BA   | 5,968,615     | 10/19/99   | Schlappa      | 428   | 34.1         |                               |
|                       | BB   | 5,974,750     | 11/02/99   | Landin et al. | 52    | 396.01       |                               |
|                       | BC   | Re: 32,131    | 04/29/86   | Stahl         | 428   | 215          |                               |
|                       | BD   |               |            |               |       |              |                               |
|                       | BE   |               |            |               |       |              |                               |
|                       | BF   |               |            |               |       |              |                               |
|                       | BG   |               |            |               |       |              |                               |
|                       | BH   |               |            |               |       |              |                               |
|                       | BI   |               |            |               |       |              |                               |
|                       | BJ   |               |            |               |       |              |                               |
|                       | BK   |               |            |               |       |              |                               |

| FOREIGN PATENT DOCUMENTS OR PUBLISHED FOREIGN PATENT<br>APPLICATIONS |    |                    |                     |                             |       |              |             |    |
|--|----|--------------------|---------------------|-----------------------------|-------|--------------|-------------|----|
| Examiner<br>Initials   | ID | Document<br>Number | Publication<br>Date | Country or<br>Patent Office | Class | Sub<br>Class | Translation |    |
|  |    |                    |                     |                             |       |              | Yes         | No |
|  | BL |                    |                     |                             |       |              |             |    |
|  | BM |                    |                     |                             |       |              |             |    |
|  | BN |                    |                     |                             |       |              |             |    |
|  | BO |                    |                     |                             |       |              |             |    |

| OTHER DOCUMENTS (INCLUDE AUTHOR, TITLE, DATE AND PLACE OF<br>PUBLICATION) |    |  |
|---|----|--|
| Examiner<br>Initials  | ID | Document   |
|   | BP | UL Fire Resistance Directory System No. HWD0020 (1999) (2 pages).                    |
|   | BQ | UL Fire Resistance Directory System No. FFD0002 (1 page).                            |
|   | BR | International Search Report for Patent Application No. PCT/US 00/17407<br>(7 pages). |

|   |                 |
|---|-----------------|
| Examiner Signature  | Date Considered |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |